

Homes and Restaurants



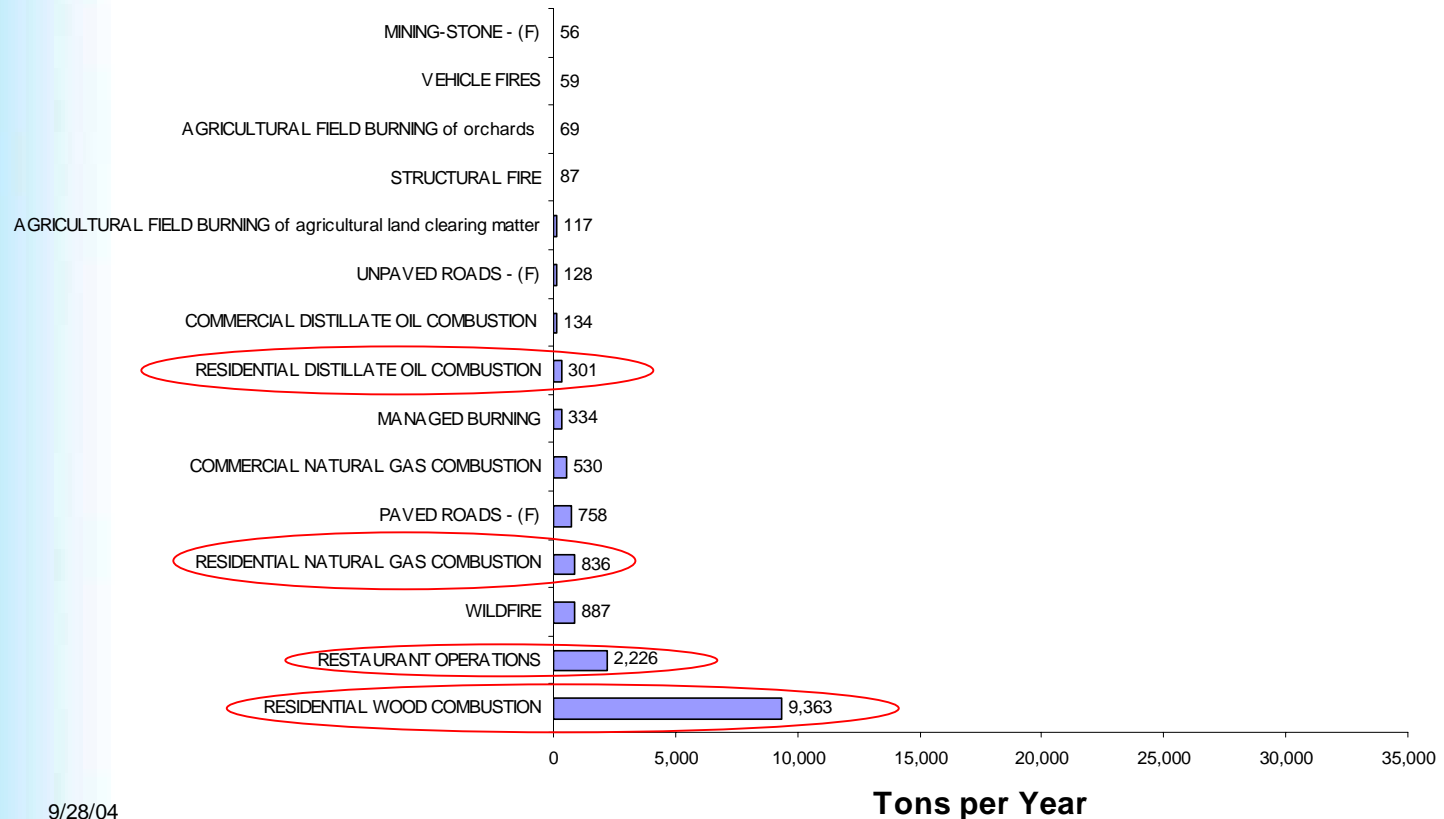
Ray Papalski
Workgroup Leader
June 29, 2005

Workgroup Description

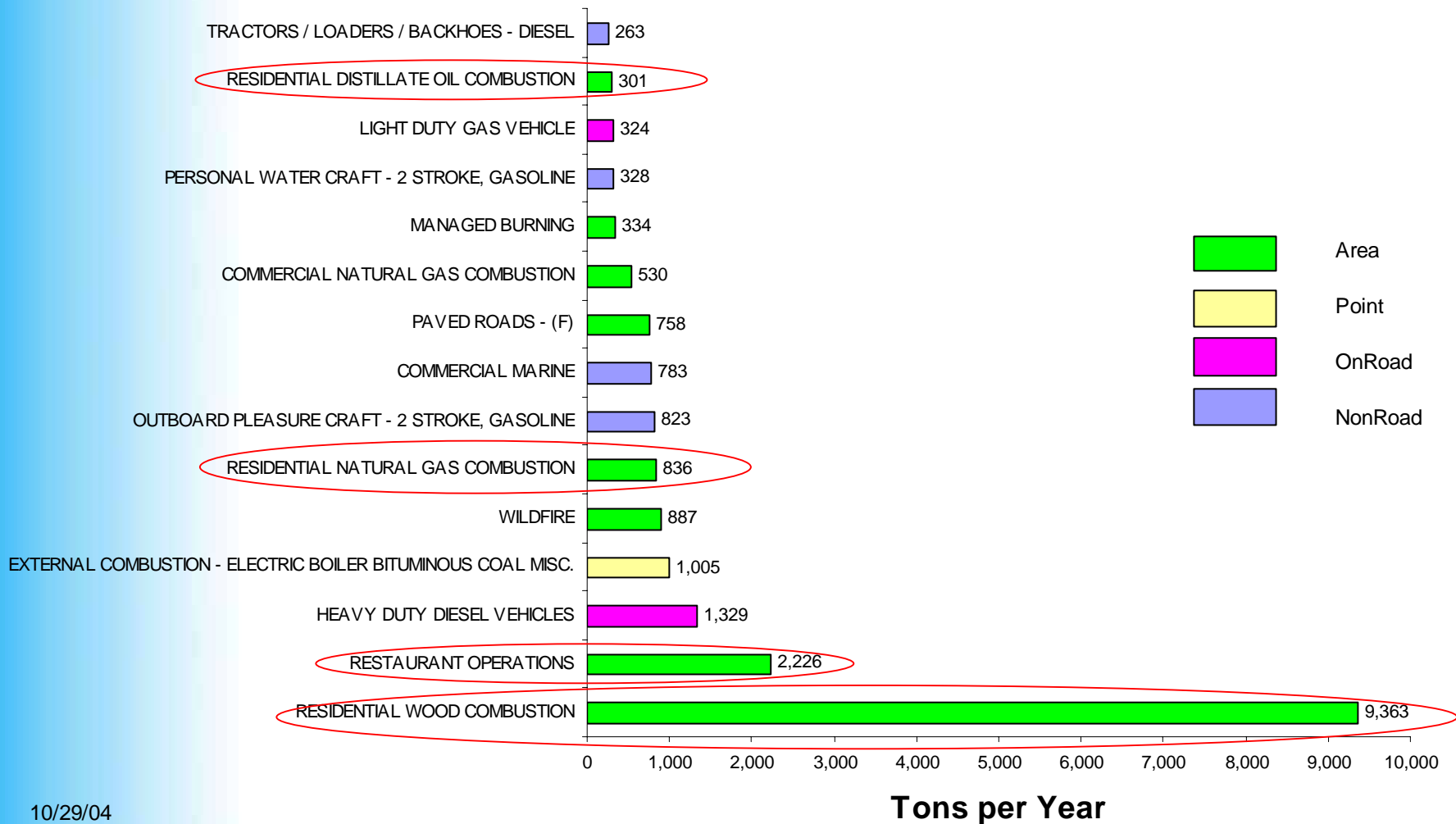
- Homes and Restaurants is a broad category covering small amounts of emissions from large numbers of sources.
- These are typically referred to as area sources.

Why is New Jersey Interested in this Category?

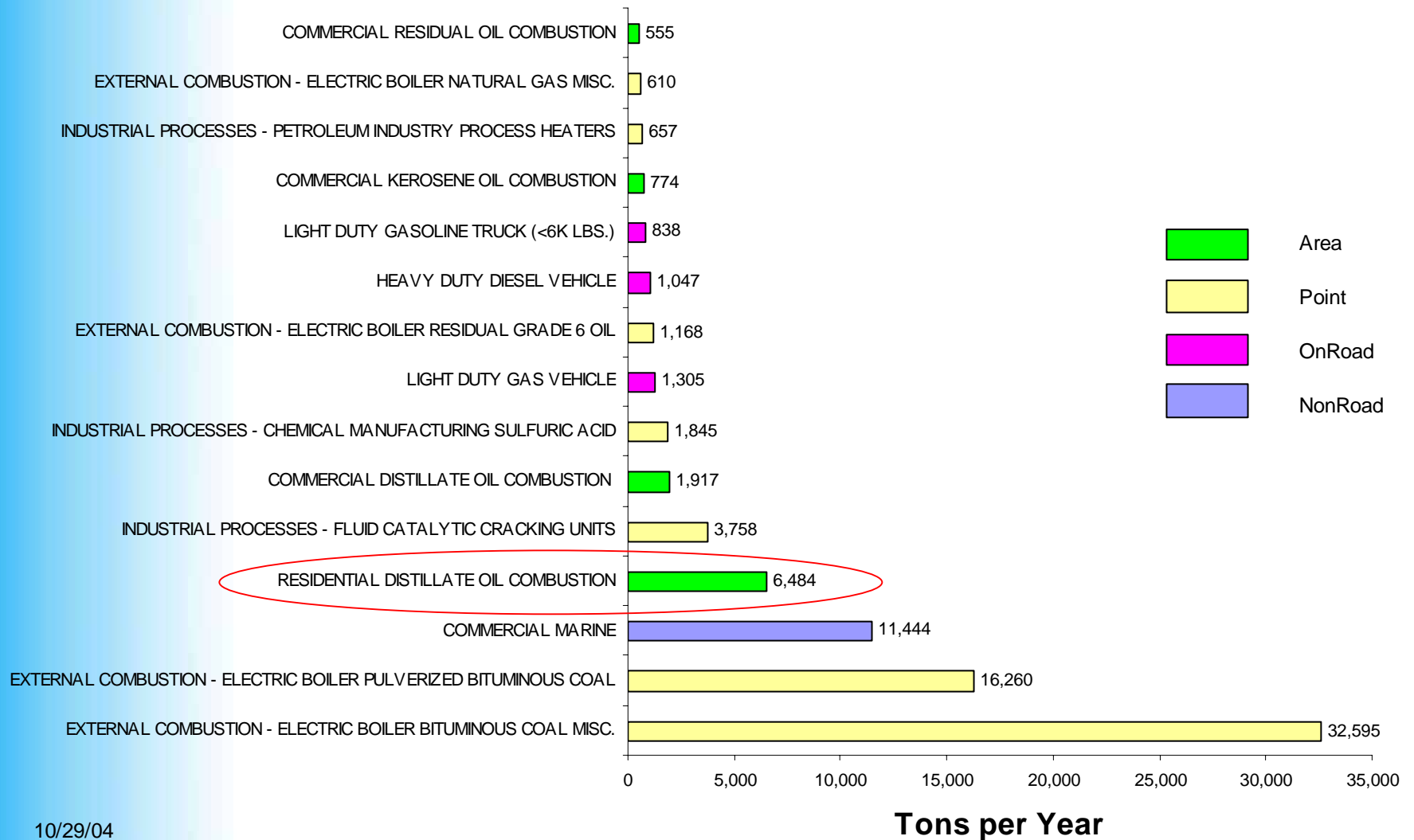
**2002 New Jersey Area Source PM_{2.5} (with Fugitive Dust*)
Emission Inventory Top 15 by SCC**



2002 New Jersey PM2.5 (with Fugitive Dust*) Emission Inventory Top 15 by SCC



2002 New Jersey SO₂ Emission Inventory Top 15 by SCC



Current and/or Planned New Jersey Controls for these Sources

- Subchapters:
 - 2: Control and Prohibition of Open Burning
 - 3: Control and Prohibition of Smoke from Combustion of Fuel
 - 4: Control and Prohibition of Particles from Combustion of Fuel
 - 5: Prohibition of Air Pollution (includes odor provisions)
 - 9: Sulfur in Fuels

Current and/or Planned New Jersey Controls for these Sources

- In general, NJDEP does not regulate emissions from homes but does regulate products used in the home (e.g.; Fuel Oil Standards, Consumer Products and Coatings).
- In general, DCA creates new standards for home construction.

Suggested Areas for Workgroup Focus

- Restaurants
- Firepits / Chimneas
- Open Burning
- Outdoor Wood Boilers (OWB's)
- Fireplaces / Wood Stoves
 - A lot of good information on www.epa.gov/woodstoves/

Suggested Areas for Workgroup Focus

- Restaurants:
 - California Standards for Chain Driven Charbroilers
 - Burger King's Smokeless™ Broiler
 - “Smog Hogs” or Vegetable Oil Fryers?

Suggested Areas for Workgroup Focus

- Cleaner Fuel for Home Heating

What Other States Are Doing

- California
 - Restaurants
 - Fireplaces
- Montana, Oregon, Washington
 - Wood Stove Change Out Programs

Regional Efforts

- NESCAUM Effort Exploring Low Sulfur Home Heating Oil
- NESCAUM - Outdoor Wood Boilers
- USEPA Wood Stove Change Out Program

Workgroup Charge

- Develop a list of candidate air pollution control measures that can be implemented in the home or restaurant category.
- Develop recommendations for implementation on the suggested categories.

State Team Members

- Ray Papalski - Workgroup Leader, NJDEP
- Sandra Cohen - Co-Facilitator, NJDEP
- Laura Scatena - Co-Facilitator, NJDEP
- Frank Matula - NJDEP
- Jim Scarvalli - NJDEP
- Tom Pitcherello - NJDCA